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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 18, 2006

By U.S. Mail

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: Response to Notice of Allowability dated February 21, 2006
Application No.: 10/035,461;
Filing Date: 11/9/2001;
Title of Invention: Signal Generation and Mixing Electronics for Frequency-
Domain Lifetime and Spectral Fluorometry;
First Named Inventor: Tommy Clay Cruce.

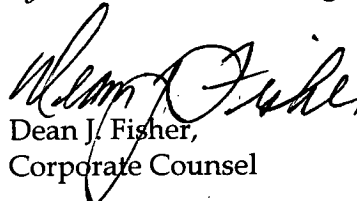
Dear Sir and/or Madame:

In response to the Notice of Allowability dated February 21, 2006 with respect to the above-referenced patent application, I have enclosed a **Replacement Sheet** for the Drawing (indicated as Fig. 8 on such Drawing) which was previously amended by the applicant and which was made subject to the PTO's Office Action dated March 23, 2004.

Upon the PTO's receipt of the enclosed Replacement Sheet, I believe that the actions required in item 6 of the Notice of Allowability dated February 21, 2006 have been fully satisfied. If not, please let me know immediately.

Thank you for your attention to this matter. To this end, if you should have any questions or comments regarding this matter, please do not hesitate to contact me by telephone at (512) 479-7732 ext. 2180 or by email at fisher@spec.com. Also, please direct all correspondence regarding this matter to my attention at the address indicated in the letterhead of this letter.

Very truly yours,

Systems & Processes Engineering Corporation
Dean J. Fisher,
Corporate CounselEnclosures: *Replacement Sheet*